



# PAD100-SIM

## SINGLE INPUT MODULE



P/N 97662

### Features

- One (1) Class B monitoring input
- SLC Class A, Class X & Class B
- Mounts in a standard 4" or double gang box
- Wiring terminals accessible when mounted in box
- All wiring terminals accept 22 to 12 AWG

**NOTE:** This addressable module does not support 2-wire smoke detectors.

### Specifications

Operating Voltage: 24.0V

Max SLC Standby Current: 240µA

Max SLC Alarm Current: 240µA

Max Wiring Resistance of IDC: 100 Ω

Max Wiring Capacitance of IDC: 1µF

EOL Resistor: 5.1K Ω

Operating Temperature Range: 32 to 120°F (0 to 49°C)

Operating Humidity Range: 0 to 93% (non-condensing)

Max no. of Module Per Loop: 127 units

Dimensions: 4.17" × 4.17" × 1.14" (106 mm x 106 mm 29 mm)

Mounting Options: Standard 4" Square or Double Gang Box

Shipping Weight: 0.6 lbs

### Description

The PAD100-SIM uses one (1) SLC loop addresses when monitoring one (1) Class B circuit. The module mounts on either a 4" square or double gang box. The module is capable of monitoring one (1) Class B circuit. The PAD100-SIM includes one red LED to indicate the module's status. In normal condition, the LED flashes when the device is being polled by the control panel. When the input is activated, the LED will flash at a fast rate.

### Application

The PAD100-SIM is compatible with JFS-IP series addressable fire alarm control panels. The PAD100-SIM is an interface module used to monitor dry contact devices such as sprinkler waterflow, valve tamper switches, or conventional pull stations. The module is capable of monitoring one Class B circuit.

### Setting the Address

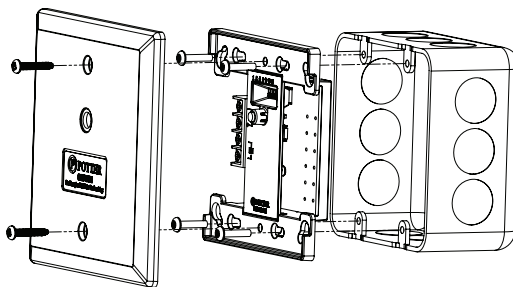
Each addressable SLC device must be assigned an address. The address is set using the DIP switch located on the PAD100-SIM.

Before connecting a device to the SLC loop, take the following precautions to prevent potential damage to the panel or device:

1. Power to the device is removed.
2. Field wiring is correctly installed.
3. Field wiring has no open or short circuits.

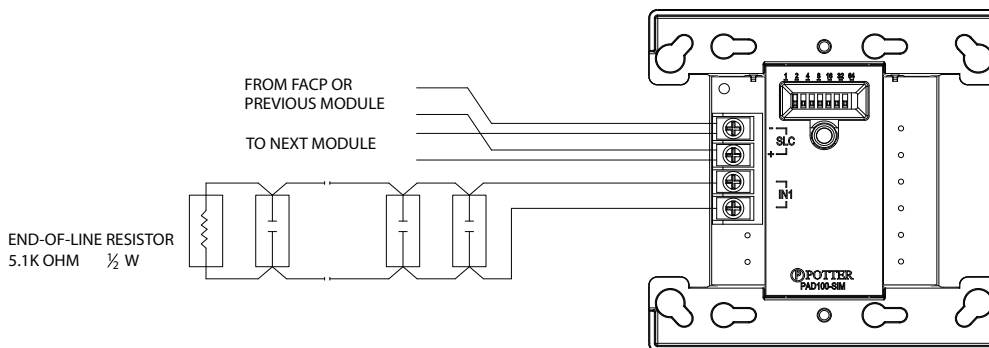


## Installation



## Wiring

### PAD100-SIM With Class B Circuit



## Ordering Information

Model Number	Description	P/N
PAD100-SIM	Single Input Module	97662

*Note: Approvals/Listings maintained by and manufactured by Potter Electric Signal Company.*

The seller makes no warranties, express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, except as expressly stated in the seller's sales contract or sales acknowledgment form. Every attempt is made to keep our product information up-to-date and accurate. All specific applications cannot be covered, nor can all requirements be anticipated. All specifications are subject to change without notice.



1102 Rupcich Drive  
 Millennium Park  
 Crown Point, IN 46307  
 TEL: (219) 663-1600 FAX: (219) 663-4562  
 e-mail: [info@janusfiresystems.com](mailto:info@janusfiresystems.com)  
[www.janusfiresystems.com](http://www.janusfiresystems.com)